

TABLE 10:
LOCATIONS AND RELATIVE ABUNDANCE OF AMPHIBOLE ASBESTOS STRUCTURES
OBSERVED AT THE NORTH RIDGE ESTATES SITE, KLAMATH FALLS, OREGON

Data Type			Number of Samples (Number)	Fraction ACM ^b (g/g)	Number of Structures				
	Data Set	Sample Location ^a			Short ^c	Long ^d		Long ^e	Short ^f
					Protocol	Protocol	7402	ISO	ISO
	Fiber Type				Structures (Number)	Structures (Number)	Fibers (Number)	Structures (Number)	Structures (Number)
Air									
Ambient Air									
	Total Asbestos	A	46	NA	1	2	4	7	3
	Amphibole		1	NA			1	1	
EPA Simulation Air									
	Total Asbestos		7	NA	34	11	6	46	
	Amphibole		0						
Soil									
Composites and Hot Spots									
	Total Asbestos	L ^g	18		47	33	91	106	
	Amphibole		1	0.15	2	2	8	9	
EPA Residential									
	Total Asbestos	R Y	12		2	3	3		80
	Amphibole		2	0.014	0	0	0		1
				0	0	0	0		1
Glove Box ^h									
	Total Asbestos	L	12		ND	ND	29	29	681
	Amphibole		1	0.0012	ND	ND	3	3	1
EPA Simulation Soils									
	Total Asbestos	MBK ⁱ	4		42	40	28	95	
	Amphibole		1	0.0099	0	1	1	2	
Total									
Total Number of Asbestos Structures								283	764
Total Amphibole Asbestos Structures								15	2
Percent Amphibole								5%	0.3%
Percent (excluding Hot Spot Sample)								3%	0.3%

NOTES: "NA" means not applicable. "ND" means not determined.

^a Except as noted, codes indicated for sample location identifiers are defined in the air report (Berman 2003 - **CHE**)

^b This is the mass fraction of ACM observed in the soil matrix from which the indicated sample was collected.

^c Short protocol structures are those between 5 and 10 µm in length (for significance, see text).

^d Long protocol structures are those longer than 10 µm (for significance, see text).

^e Long ISO structures are those longer than 5 µm.

^f Short ISO structures are those shorter than 5 µm.

^g This is a grab sample collected at Hot Spot No. 6 (see Berman 2004).

^h The glove box data set represents the same sample set as the EPA Residential data set except that these results are obtained from the analysis of samples prepared using the glove box method (**REFERENCE**)

ⁱ The simulations were conducted on an unoccupied parcel of land currently owned by MBK.